

| L Number | Hits | Search Text  | DB                                     | Time stamp       |
|----------|------|--|--|------------------|
| 1        | 20   | cantilever same optical same binding   | USPAT;<br>US-PGPUB;<br>EPO;<br>DERWENT | 2004/07/19 17:20 |
| 2        | 22   | cantilever same (optical or grating or diffract\$3 or scat\$6) same binding                | USPAT;<br>US-PGPUB;<br>EPO;<br>DERWENT | 2004/07/19 17:31 |
| 3        | 609  | cantilever and (optical or grating or diffract\$3 or scat\$6) and binding                  | USPAT;<br>US-PGPUB;<br>EPO;<br>DERWENT | 2004/07/19 17:31 |
| 4        | 306  | (cantilever and (optical or grating or diffract\$3 or scat\$6) and binding) and biological | USPAT;<br>US-PGPUB;<br>EPO;<br>DERWENT | 2004/07/19 17:32 |
| 5        | 698  | microscop\$2 same cantilever same (grating or diffract\$4 or optical)                      | USPAT;<br>US-PGPUB;<br>EPO;<br>DERWENT | 2004/07/19 17:33 |
| 6        | 4    | microscop\$2 same cantilever same diffract   | USPAT;<br>US-PGPUB;<br>EPO;<br>DERWENT | 2004/07/19 17:44 |
| 7        | 4    | microscop\$2 and cantilever and (diffract same light) and binding                          | USPAT;<br>US-PGPUB;<br>EPO;<br>DERWENT | 2004/07/19 17:44 |

| L Number | Hits | Search Text  | DB                                     | Time stamp       |
|----------|------|--|--|------------------|
| 1        | 896  | cantilever same (no or without) same<br>(oscillat\$3 or vibrat\$3)   | USPAT;<br>US-PGPUB;<br>EPO;<br>DERWENT | 2004/07/19 12:29 |
| 2        | 131  | (cantilever same (no or without) same<br>(oscillat\$3 or vibrat\$3)) and (without<br>near5 (vibration or oscillation))   | USPAT;<br>US-PGPUB;<br>EPO;<br>DERWENT | 2004/07/19 12:30 |
| 3        | 118  | ((cantilever same (no or without) same<br>(oscillat\$3 or vibrat\$3)) and (without<br>near5 (vibration or oscillation))) and<br>@py<2003                             | USPAT;<br>US-PGPUB;<br>EPO;<br>DERWENT | 2004/07/19 12:30 |
| 4        | 0    | ((cantilever same (no or without) same<br>(oscillat\$3 or vibrat\$3)) and (without<br>near5 (vibration or oscillation))) and<br>@py<2003) and biological and binding | USPAT;<br>US-PGPUB;<br>EPO;<br>DERWENT | 2004/07/19 12:31 |
| 5        | 6    | ((cantilever same (no or without) same<br>(oscillat\$3 or vibrat\$3)) and (without<br>near5 (vibration or oscillation))) and<br>@py<2003) and binding                | USPAT;<br>US-PGPUB;<br>EPO;<br>DERWENT | 2004/07/19 12:31 |

| L Number | Hits  | Search Text  | DB                                     | Time stamp       |
|----------|-------|--|--|------------------|
| 1        | 896   | cantilever same (no or without) same<br>(oscillat\$3 or vibrat\$3)   | USPAT;<br>US-PGPUB;<br>EPO;<br>DERWENT | 2004/07/19 12:29 |
| 2        | 131   | (cantilever same (no or without) same<br>(oscillat\$3 or vibrat\$3)) and (without<br>near5 (vibration or oscillation))   | USPAT;<br>US-PGPUB;<br>EPO;            | 2004/07/19 12:30 |
| 3        | 118   | ((cantilever same (no or without) same<br>(oscillat\$3 or vibrat\$3)) and (without<br>near5 (vibration or oscillation))) and<br>@py<2003                             | DERWENT<br>USPAT;<br>US-PGPUB;<br>EPO; | 2004/07/19 12:30 |
| 4        | 0     | ((cantilever same (no or without) same<br>(oscillat\$3 or vibrat\$3)) and (without<br>near5 (vibration or oscillation))) and<br>@py<2003) and biological and binding | DERWENT<br>USPAT;<br>US-PGPUB;<br>EPO; | 2004/07/19 12:31 |
| 5        | 6     | ((cantilever same (no or without) same<br>(oscillat\$3 or vibrat\$3)) and (without<br>near5 (vibration or oscillation))) and<br>@py<2003) and binding                | DERWENT<br>USPAT;<br>US-PGPUB;<br>EPO; | 2004/07/19 12:32 |
| 6        | 438   | (cantilever or AFM) same binding   | DERWENT<br>USPAT;<br>US-PGPUB;<br>EPO; | 2004/07/19 12:33 |
| 7        | 19    | ((cantilever or AFM) same binding) same<br>(without or no) near15 (force or<br>oscillation or oscillated or vibration or<br>vibrated))                               | DERWENT<br>USPAT;<br>US-PGPUB;<br>EPO; | 2004/07/19 13:23 |
| 8        | 20711 | chin.xp.   | DERWENT<br>USPAT;<br>EPO;              | 2004/07/19 13:26 |
| 9        | 0     | ("chin.xp.").PN.   | DERWENT                                |                  |
| 10       | 128   | chin.xp. and cantilever  | USPAT; EPO                             | 2004/07/19 13:26 |
| 11       | 104   | (chin.xp. and cantilever) and @py<2001   | USPAT; EPO                             | 2004/07/19 13:27 |
| 12       | 4     | ((chin.xp. and cantilever) and @py<2001)<br>and binding  | USPAT; EPO                             | 2004/07/19 13:27 |
| 13       | 1837  | (422/20,69,63,236).CCLS.   | USPAT; EPO;                            | 2004/07/19 13:38 |
| 14       | 10    | ((422/20,69,63,236).CCLS.) and cantilever<br>and binding   | DERWENT<br>USPAT; EPO                  | 2004/07/19 13:39 |